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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kazuhiko Aikawa et al

Serial No. : 09/635,109

Filed : August 9, 2000

For : OPTICAL FIBER AND OPTICAL TRANSMISSION
SYSTEM

Group Art Unit : N/A

Examiner : N/A

October 4, 2000

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

S I R:

In accordance with 37 CFR § 1.56 and § 1.97(b),
Applicants wish to call the attention of the Examiner to the
references listed below.

WO 096/07942

USP 5,835,655

USP 5,781,684

USP 5,361,319

USP 4,952,968

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Yanming Liu et al, "Single-Mode Dispersion-Shifted Fibers With Effective Area Larger Than $80 \mu\text{m}^2$ and Goodbending Performance", EOCC '95 Tu. L.2.4 pp. 333-336.

P. Nouchi et al, "New Dispersion-Shifted Fibers With Effective Area Larger Than $90 \mu\text{m}^2$ ", EOCC '96 Mob.3.2.

T. Kato et al, "Ultra-Low Nonlinearity Low-Loss Pure Silica Core Fiber For Long-Haul WDM Transmission", Electric Letters 16th September 1999, Vol. 35, No. 19.

K. Aikawa et al, "Single-Mode Optical Fiber With Effective Core Area Larger Than $160 \mu\text{m}^2$ ", EOCC '99, 26-30 September 1999, Nice, France 1-302 - 1-303.

T. Kato et al, "Ultra Low Nonlinearity Low Loss Pure Silica Core Fiber", 1999 The Institute Of Electrics, Information and Communication Engineers Electronics Society Meeting C-3-76.

A. Aikawa et al, "Single-Mode Optical Fiber With Large Effective Core Area", 1999 The Institute Of Electrics, Information and Communication Engineers Electronics Society Meeting C-3-77.

M. Tsutaya et al, "Study of Design Optimization of SMF and DCF Hybrid Transmission Lines Having Low Loss and Low Nonliniality", 1999 The Institute of Electrics,

Information and Communication Engineers Electronics Society
Meeting C-3-78.

M. Tsukitani et al, "Low-Nonlinearity Dispersion-
Flattened Hybrid Transmission Lines Consisting of Low
Nonlinearity Pure-Silica-Core Fibers", Technical Report Of
Ieice, OCS 99-97, Ope 99-101, LQE 99-98 (1999-11).

T. Kato et al, "Ultra Low Nonlinearity Low Loss
Pure Silica Core Fiber", OECC '99, pp. 1575-1576.

Eisuke Sasaoka et al, "Design Optimization of SMF-
DCF Hybrid Transmission Lines For Long Haul Large Capacity
WDM Transmission Systems", OECC '99, pp. 378-379.

Copies of the non-USP references are submitted
herewith along with Form PTO-1449.

Consideration of the foregoing in relation to this application is respectfully requested.

Respectfully submitted,

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

on: October 5, 2000

By: CHADBOURNE & PARKE

Ira J. Schaefer